

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"2002197564"	US-PGPUB; USPAT	ADJ	ON	2007/06/26 06:49
S2	0	"2002/197564"	US-PGPUB; USPAT	ADJ	ON	2007/06/25 13:31
S3	1	"20020197564"	US-PGPUB; USPAT	ADJ	ON	2007/06/25 13:31
S4	57	((HANS-JOACHIM) near2 (TIMPE)).INV.	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:17
S5	10	((URSULA) near2 (MULLER)).INV.	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:49
S6	437	430/921	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:50
S7	154	430/922	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:51
S8	5866	430/270.1	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:51
S9	373	430/284.1	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:51
S10	960	430/944	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:52
S12	130	430/908	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:52
S13	2471	430/302	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:33
S14	309	430/906	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:52
S16	4274	monomer same (thio or mercapto)	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:57
S17	149	("radiation sensitive" or "photoimageable") and S16	US-PGPUB; USPAT	ADJ	ON	2007/06/25 16:06
S18	1183	Thio same thiadiazole	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:58
S19	49	Thio near( thiadiazole or triazine or triazole)	US-PGPUB; USPAT	ADJ	ON	2007/06/25 15:58
S20	1361	Thio same thiadiazole	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/25 15:58
S21	193	Thio near( thiadiazole or triazine or triazole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/25 15:58
S22	984	(thio or mercapto) near( thiadiazole or triazine or triazole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/25 15:59
S23	0	("radiation sensitive" or "photoimageable") and ("unsaturated thiol")	US-PGPUB; USPAT	ADJ	ON	2007/06/25 16:06
S24	23	("unsaturated thiol")	US-PGPUB; USPAT	ADJ	ON	2007/06/26 08:33
S25	5	"6569603"	US-PGPUB; USPAT	ADJ	ON	2007/06/26 06:52
S26	1	"5115032"	US-PGPUB; USPAT	ADJ	ON	2007/06/26 06:52

## EAST Search History

S27	579	430/287.1	US-PGPUB; USPAT	ADJ	ON	2007/06/26 06:58
S28	201	430/287.1 and (thio or mercapto)	US-PGPUB; USPAT	ADJ	ON	2007/07/06 10:46
S29	140	430/287.1 and (thio or mercapto) and (thiadiazole or triazine)	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:45
S30	38	((Larsen)near2(Donald)).inv.	US-PGPUB; USPAT	ADJ	ON	2007/06/26 08:28
S31	69	unsaturated near (thio or mercapto)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 08:44
S32	1656	unsaturated same (thio or mercapto) same monomer	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 08:50
S33	788	unsaturated same (thio or mercapto) same monomer same (ethylenic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:13
S34	8	unsaturated same ((thio or mercapto)near (terminal or end)) same monomer same (ethylenic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:24
S35	2256	monomer same ((mercapto or thio or -SH) near group)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:20
S36	3	monomer same ((mercapto or thio or -SH) near ("terminal group"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:18
S37	135	(ethylenic\$ near unsaturated near monomer) same ((mercapto or thio or -SH) near group)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:20
S38	1293	(thio or mercapto) same "free radical"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:27
S39	9	((thio or mercapto)near (terminal or end)) same "free radical"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:31
S40	13	((thio or mercapto or "-SH")near (terminal or end)) same "free radical"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:42
S41	35	"3055952"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:37
S42	289	"3135716"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:41
S43	5	"3048568"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:41

## EAST Search History

S44	18	((thio or mercapto or "-SH") near (functionaliz\$3)) same "monomer"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:45
S45	213	((thio or mercapto or "-SH") near (function\$5)) same "monomer"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 09:46
S46	0	2-thio-(4-ethenyl)-benzyl-5-mercapto-1,3,4-thiadiazole	US-PGPUB; USPAT	ADJ	ON	2007/06/26 10:18
S47	0	2-thio-(4-vinyl)-benzyl-5-mercapto-1,3,4-thiadiazole	US-PGPUB; USPAT	ADJ	ON	2007/06/26 10:18
S48	0	2-thio-(4-methylcrotonato)-benzyl-5-mercapto-1,3,4-thiadiazole	US-PGPUB; USPAT	ADJ	ON	2007/06/26 10:18
S49	0	2-thio-(4-methylcrotonato)"-benzyl-4,6-dimercapto-1,3,5-triazine"	US-PGPUB; USPAT	ADJ	ON	2007/06/26 10:19
S50	471	430/288.1	US-PGPUB; USPAT	ADJ	ON	2007/07/06 10:46
S51	153	430/288.1 and (mercapto or thio)	US-PGPUB; USPAT	ADJ	ON	2007/07/06 10:52
S52	2064	(vinyl\$5 or ethenyl) near3 (mercapto or thio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 10:54
S53	211	S52 and (photosensitive or photoimageable or photopolymerizable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:01
S54	1	thiadiazole near (mercapto or thio) near (vinyl or ethenyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:03
S55	1	thiadiazole near (mercapto\$3 or thio\$3) near (vinyl\$3 or ethenyl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:04
S56	1	triazine near (mercapto\$3 or thio\$3) near (vinyl\$3 or ethenyl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:05
S57	10	shtd	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:06
S58	69	vinyl near "-SH"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:35
S59	65	"6309792"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 11:35
S60	374	430/284.1	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:46
S61	166	430/284.1 and (thio\$3 or mercapto\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:58
S62	0	"substituted mercapto\$" same "usubstituted mercapto"	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:10

## EAST Search History

S63	2	"substituted mercapto\$" same "unsubstituted mercapto"	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:59
S64	2	"substituted mercapto\$" same "unsubstituted mercapto\$"	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:59
S65	2027	mercaptothiadiazole\$	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:04
S66	0	mercaptothiadiazole\$ same vinyl same monomer	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:10
S67	1	mercaptothiadiazole\$ same vinyl	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:01
S68	2	mercaptothiadiazole\$ same monomer	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:10
S69	1	mercaptothiadiazole\$ same polymerization	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:04
S70	24	mercaptothiadiazole\$ same polymer\$6	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:08
S71	116	"1758576"	US-PGPUB; USPAT	ADJ	ON	2007/07/06 12:09
S72	0	"substituted mercapto\$" same "usubstituted mercapto"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 12:10
S73	0	mercaptothiadiazole\$ same vinyl same monomer	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 12:10
S74	4	mercaptothiadiazole\$ same monomer	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 15:10
S75	11	"3959103"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/06 15:10
S76	2	mercaptothiadiazole and adhesive	DERWENT	ADJ	ON	2007/07/09 09:16
S77	32	"UV absorbers" and "IR absorbers" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:15
S78	280	"UV absorbers" and "IR " and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 09:55
S79	100	430/302 and "UV absorber"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:49
S80	0	430/302 and "UV absorb\$5"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:50
S81	0	430/302 and "UV absorb\$"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:50
S82	1	"printing plate" and "UV absorb\$"	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:50
S83	0	"UV absorb\$" and "IR absorb\$" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 09:51

## EAST Search History

S84	0	("UV absorbers" same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 09:55
S85	145	("UV absorbers" same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 09:57
S86	145	("UV absorbers" same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:03
S87	0	("UV near 2 absorbers" same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:03
S88	0	("UV near absorber" same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:03
S89	147	((UV near "absorber") same "photosensitive") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:07
S90	84	((UV near "absorber") same "photosensitive layer") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:07
S91	857	("UV" same "Initiator") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:15
S92	174	("UV" same "free radical" same "Initiator") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:18
S93	0	("oxime ether" or "oxime ester" or benzoin or "benzoin ether") and "IR absorber" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:22
S94	61	("oxime ether" or "oxime ester" or benzoin or "benzoin ether") and "IR absorber" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:25
S95	535	("oxime ether" or "oxime ester" or benzoin or "benzoin ether") and "triazine" and "sensitizer" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:28
S96	535	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide") and "triazine" and "sensitizer" and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:31
S97	14	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide") and "triazine" and ("sensitizer" same (oxazole or bisoxazole or coumarine or metallocene)) and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 11:22
S98	4	"6455207"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:37

## EAST Search History

S99	2	"20050153231"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 10:41
S10 0	1	2003-833268.NRAN.	DERWENT	ADJ	ON	2007/07/09 10:42
S10 1	1	2003-833268.NRAN.	DERWENT	ADJ	ON	2007/07/09 10:42
S10 2	3	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide")and "triazine" and ("sensitizer" same "750 nm") and "printing plate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 11:31
S10 3	4	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide")and "triazine" and ("sensitizer" same "750 nm")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 11:32
S10 4	8	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide") and ("sensitizer" same "750 nm")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 11:34
S10 5	5	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide") and ("sensitizer" same (dihydropyridine or oxazole or bisoxazole or coumarin or metallocene)) and "monomer" and "alkali-soluble binder"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 12:01
S10 6	2	"20060051699"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 11:59
S10 7	1	"20060051699"	DERWENT	ADJ	ON	2007/07/09 11:59
S10 8	1	2004-468366.NRAN.	DERWENT	ADJ	ON	2007/07/09 11:59
S10 9	7	("oxime ether" or "oxime ester" or benzoin or "benzoin ether" or "acylphosphine oxide" or "diacylphosphine oxide") and ("sensitizer" same (dihydropyridine or oxazole or bisoxazole or coumarin or metallocene)) and "monomer" and "alkali-soluble binder"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 12:11
S11 0	11	"3959103"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 12:33
S11 1	24	"6306555"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/09 12:33
S11 2	1331	(compound or monomer) with(\$1SH or mercapto) with ("double bond" or "ethylenically unsaturated" or "ethylenically unsaturation")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/07/12 13:18
S11 3	1687	430/281.1	US-PGPUB; USPAT	ADJ	ON	2007/07/12 13:30